## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Rule 53(b) Divisional Application of:

Masashi SHIRAISHI et al.

Serial No.: Div. 09/933,774

Group Art Unit: 2652 (Prior)

Filed: November 13, 2003

Examiner: R.S. Tupper (Prior)

For:

PRECISE POSITIONING ACTUATOR FOR HEAD ELEMENT, HEAD GIMBAL ASSEMBLY WITH THE ACTUATOR, DISK DRIVE APPARATUS WITH THE HEAD GIMBAL ASSEMBLY AND MANUFACTURING METHOD OF HEAD **GIMBAL ASSEMBLY** 

> **INFORMATION DISCLOSURE STATEMENT** PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

November 13, 2003

Sir:

This Information Disclosure Statement is being filed in order to comply with Applicant's duty of disclosure under 37 CFR 1.56. The documents listed on the Form PTO-1449 were made of record in parent application Serial No. 09/933,774.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

> Respectfully submitted, ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP

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WLB/lms

Enclosures: PTO-1449

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	Applicant(s): Masashi SHIRAISHI et al.		
PTO-1449	Filing Date: November 13, 2003	Group Art Unit: 2652 (Prior)	

## U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA	6,078,473	Crane et al.	6-20-00			
	AB	5,612,841	Johnson	3-18-97			
	AC	5,864,448	Berberich	1-26-99			
	AD	6,351,354	Bonin	2-2002			
	AE	5,745,319	Takekado et al.	4-28-98			

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Translation (Yes or No)
AF	6-309822	11-4-94	Japan	Yes - Abstract
 AG	8-180623	7-12-96	Japan	Yes - Abstract
 AH				
 AI				
 AJ				

## OTHER DOCUMENTS

	AK		
	AL		
Examiner	<u> </u>	Date Considered	